



Trans-Lake Washington Project

Washington State
Department of Transportation
Sound Transit

Trans-Lake Washington Study: Roadway Concepts Considered

SR522 CONCEPTS

- **R-20** Add HOV Lanes to SR-522
- **R-21** Implement Improved Access Control
- **R-22** Continuous Transit Lanes on SR-522
- **R-44** Improve N 145th St. Corridor-Between I-5 and SR-522

- New East-West "County Line" Freeway

SR 522 CONCEPTS

- **R-18** Convert SR522 to limited access
- **R-19** 8-lane SR522

KIRKLAND to SANDPOINT Bridge/Tube/Tunnel

- **R-23** New Bridge from I-5 to I-405
- **R-24** New Bridge to Connect to Existing Arterial Roadways

I-5 CONCEPTS

- **R-27** Olive Way to SR-520 HOV Connection
- **R-28** HOV Lane across Ship Canal Bridge
- **R-29** Widen I-5 through Downtown Seattle
- **R-47** Improve the I-5 Connection to the University District
- **R-48** All-day Two-way HOV on I-5

- **R-26** New North/South freeway

I-90 CONCEPTS

- **R-1** Provide Bi-Directional HOV Lanes along the existing center roadway
- **R-2** Use I-90 Center Roadway for Heavy Trucks
- **R-3** Remove flammable materials exclusions

I-405 CONCEPTS

- **R-30** Add One General Purpose Lane in Each Direction to I-405
- **R-31** Add Two General Purpose Lanes in each Direction to I-405
- **R-32** Express/HOV Lanes on I-405
- **R-33** Expand Eastside North-South Arterial Roadways
- **R-34** Build Eastside Arterial HOV Lanes
- **R-35** HOV Ramp Enhancement
- **R-36** ITS (Intelligent Transportation Systems)

SR520 CONCEPTS

- **R-4** Add HOV Lanes in each direction to SR-520
- **R-5** Add One HOV Lane and One General Purpose Lane in each Direction to SR-520
- **R-6** Add HOV and 2 GP lanes in each direction
- **R-7** Convert One General Purpose Lane in each Direction to HOV on SR-520
- **R-8** Convert all lanes to transit/HOV
- **R-9** Provide Vehicle Refuge/Shoulder on SR-520
- **R-10** Reversible barrier-separated HOV lanes
- **R-11** Provide Barrier Separated Express Lanes on SR-520
- **R-12** Connect SR-520 to I-5 Express/HOV Lanes
- **R-13** Improve Mercer St. Connection to SR-520
- **R-14** Restrict Lk. Wash. Blvd. ramp to HOV only
- **R-15** Provide Direct HOV Access between UW and SR-520
- **R-15a** Provide Direct SOV Access between UW and SR-520
- **R-16** Install Ramp Metering at On-Ramps East of I-405
- **R-17** Close Montlake access at peak periods
- **R-43** Provide tunnel access for E. Madison St.
- **R-45** Improve the Montlake to I-5 Connection

REGIONAL ISSUES AND OTHER CONCEPTS

- **R-37** Complete HOV System and Add Direct Access
- **R-38** Eliminate HOV lanes
- **R-39** Emergency Floating Bridge Plan (I-90 and SR-520)
- **R-40** HOV lane use by non-HOV vehicles
- **R-41** Ingress/Egress on both sides of freeway
- **R-42** Do Nothing
- **R-46** Paid HOV Lane Use by SOV Vehicles during Non-Peak Hours

